

































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HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules 65 Bug 24 Security Hotspot 3 Code Smell 38

Tags

Search by name...

Table cells should reference their headers	Bug
Tables used for layout should not include semantic markup	Bug
Tables should have headers	Bug
"<html>" element should have a language attribute	Bug
<script>...</script> elements should not be nested	Bug
"<th>" tags should have "id" or "scope" attributes	Bug
"<title>" should be present in all pages	Bug
"<!DOCTYPE>" declarations should appear before "<html>" tags	Bug
Elements deprecated in HTML5 should not be used	Bug
HTML "<table>" should not be used for layout purposes	Code Smell
"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements	Code Smell
Videos should have subtitles	Code Smell

Tables should have headers

Analyze your code

Bug Major accessibility wcag2-a

Assistive technologies, such as screen readers, use <th> headers to provide some context when users navigates a table. Without it the user gets rapidly lost in the flow of data.

Headers should be properly associated with the corresponding <td> cells by using either a scope attribute or headers and id attributes. See [W3C WAI Web Accessibility Tutorials](#) for more information.

This rule raises an issue whenever a <table> does not contain any <th> elements.

Noncompliant Code Example

```
<table> <!-- Noncompliant -->
  <tr>
    <td>Name</td>
    <td>Age</td>
  </tr>
  <tr>
    <td>John Doe</td>
    <td>24</td>
  </tr>
  <tr>
    <td>Alice Doe</td>
    <td>54</td>
  </tr>
</table>
```











Compliant Solution

```
<table>
  <tr>
    <th scope="col">Name</th>
    <th scope="col">Age</th>
  </tr>
  <tr>
    <td>John Doe</td>
    <td>24</td>
  </tr>
  <tr>
    <td>Alice Doe</td>
    <td>54</td>
  </tr>
</table>
```

Exceptions

No issue will be raised on <table> used for layout purpose, i.e. when it contains a role attribute set to "presentation" or "none". Note that [using <table> for layout purpose is a bad practice](#).

No issue will be raised on <table> containing an aria-hidden attribute set to "true".

<div>Attributes deprecated in HTML5 should not be used</div> <div> Code Smell</div>
<div>Sections of code should not be commented out</div> <div> Code Smell</div>
<div>Track uses of "FIXME" tags</div> <div> Code Smell</div>
<div>Meta tags should not be used to refresh or redirect</div> <div> Code Smell</div>
<div>Links should not directly target images</div> <div> Code Smell</div>
<div>"" and "" tags should be used</div> <div> Bug</div>
<div>"" and "<dt>" item tags should be in "", "" or "<dl>" container tags</div> <div> Bug</div>
<div>Server-side image maps ("ismap" attribute) should not be used</div> <div> Bug</div>
<div>"<frames>" should have a "title" attribute</div> <div> Bug</div>
<div>"<fieldset>" tags should contain a "<legend>"</div> <div> Bug</div>
<div>Flash animations should be embedded</div>

See

- [WCAG2, 1.3.1](#) - Info and Relationships
- [WCAG2, H51](#) - Using table markup to present tabular information

Available In:



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